IAP15 Rec'd PCT/PTO 2 6 SEP 2006

			<u> </u>	a letter at attitue at a series					
FORM PTO-1390 (REV. 01-2003)			E PATENT & TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 127848					
T	D	NSMITTAL LETTER TO T ESIGNATED/ELECTED OF DNCERNING A FILING UN	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/577,245						
	CC	MCERNING A FILING UN	DER 35 U.S.C. 37 I						
INTERNATIONAL APPLICATION NO. PCT/JP2004/012850			INTERNATIONAL FILING DATE September 3, 2004	PRIORITY DATE CLAIMED October 31, 2003					
MULTI HOLO	TITLE OF INVENTION MULTILAYER HOLOGRAPHIC RECORDING MEDIUM AND MANUFACTURING METHOD OF THE SAME, MULTILAYER HOLOGRAPHIC RECORDING AND REPRODUCING METHOD, MULTILAYER HOLOGRAPHIC MEMORY REPRODUCING APPARATUS, AND MULTILAYER HOLOGRAPHIC RECORDING AND REPRODUCING APPARATUS								
APPLICANT(S) FOR DO/EO/US Takuya TSUKAGOSHI; Jiro YOSHINARI; Hideaki MIURA; Tetsuro MIZUSHIMA									
Applica	ant h	erewith submits to the United State	es Designated/Elected Office (DO/E	O/US) the following items and other information:					
1.		This is a FIRST submission of item	ns concerning a filing under 35 U.S.	.C. 371.					
2.	\boxtimes	This is a SECOND or SUBSEQUE	ENT submission of items concerning	g a filing under 35 U.S.C. 371.					
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4.		The US has been elected (Article 3	31).						
5.		A copy of the International Applica	tion as filed (35 U.S.C. 371(c)(2))						
		a. is attached hereto (required	d only if not communicated by the In	iternational Bureau).					
		b. has been communicated by	the International Bureau.	·					
		c. is not required, as the appli	cation was filed in the United States	s Receiving Office (RO/US).					
6.		An English language translation of	the International Application as file	d (35 U.S.C. 371(c)(2))					
		a. is attached hereto.							
		b. has been previously submit	ted under 35 U.S.C. 154(d)(4).						
		c.	n was filed in English.						
7.		Amendments to the claims of the I	nternational Application under PCT	Article 19 (35 U.S.C. 371(c)(3))					
		a. are attached hereto (required only if not communicated by the International Bureau).							
		b. have been communicated b	by the International Bureau.						
		c. \square have not been made; however, the time limit for making such amendments has NOT expired.							
		d. have not been made and will not be made.							
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9. [An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
10.		An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).							
Items '	11 to	o 20 below concern document(s)	or information included:						
11.		An Information Disclosure Stateme	ent under 37 CFR 1.97 and 1.98.						
12.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
13.		A preliminary amendment.							
14.		An Application Data Sheet under 37 CFR 1.76.							
15.		A substitute specification.							
16.		A power of attorney and/or change of address letter.							
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.							
18.		A second copy of the published international application under 35 U.S.C. 154(d)(4).							
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).							
20.	20. Other items or information: Notice of Acceptance and Filing Receipt Status Request								

10/577,245				ATTORNEY'S DOCKET NUMBER 127848						
21. The following fees are submitted:			CALCULATIONS	PTO USE ONLY						
-										
BASIC NATIONAL FEE (37 CFR 1.492(a)):	\$									
SEARCH FEE (37 CFR 1.492(b)(1)-(3)): International preliminary examination report or the USPTO as IPEA or ISA and favorable as industrial applicability for all claims presented national phase	\$									
International search fee (37 CFR 1.445(a)(2))										
International search report provided to USPTC the search fee is paid										
All situations not provided for above		\$ 500.00								
EXAMINATION FEE (37 CFR 1.492(c)(1)-(2))		<u></u>	\$							
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase										
All situations not provided for above Surcharge of \$130.00 for furnishing the search			\$							
declaration after the date of commencement of	the national phase (37	CFR 1.492(h)).	9							
APPLICATION SIZE FEE		0.50								
Total pages - 100 = ÷ 50	<u> </u>	x 250 =	\$							
†round up to next integer										
CLAIMS NUMBER FILED	NUMBER EXTRA	RATE	\$							
TOTAL CLAIMS - 20	=	x 50.00 =	\$							
INDEPENDENT CLAIMS - 3	<u> </u> =	x 200.00 =	\$							
MULTIPLE DEPENDENT CLAIM(S)(if applica	TOTAL OF ABOVE	+ 360.00 =	\$							
☐ Applicant claims small entity status. See			\$	·						
reduced by ½.	or CIR 1.27. The lees	indicated above are	Ψ							
		SUBTOTAL =	\$							
Processing fee of \$130.00 for furnishing the E the earliest claimed priority date (37 CFR 1.49	2(i)).		\$							
		NATIONAL FEE =	\$							
Fee for recording the enclosed assignment (3 accompanied by an appropriate cover sheet (3	7 CFR 3.28, 3.31). \$40	.00 per property +	\$							
	TOTAL FI	EES ENCLOSED =	\$							
			Amount to be refunded:	 						
			charged:	\$						
a. Check No. in the amount of	\$ to cover the abo	ove fees is enclosed.	J. J							
b. Please charge my Deposit Accoun sheet is enclosed.	t No in the amou	unt of \$ to cover	the above fees. A du	plicate copy of this						
Deposit Account No. <u>15-0461</u> . A c										
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.										
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CPR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.										
SEND ALL CORRESPONDENCE TO: OLIFF & BERRIDGE, PLC										
Customer Number: 25944		NAME: Jame	s A. Olff							
		REGISTRATIO		75						
Date <u>September 26, 2006</u>		NAME: David	-							
		REGISTRATIO	ON NUMBER: 57,2	41						

10/577,245	PCT/JP2004/012850	CT/JP2004/012850		127848					
21. The following fees are submitted:			CALCULATIONS	PTO USE ONLY					
BASIC NATIONAL FEE (37 CFR 1.492(a)):		\$ 300.00	\$						
SEARCH FEE (37 CFR 1.492(b)(1)-(3)):			\$						
International preliminary examination report or the USPTO as IPEA or ISA and favorable as industrial applicability for all claims presented national phase									
International search fee (37 CFR 1.445(a)(2))									
International search report provided to USPTC the search fee is paid									
All situations not provided for above		\$ 500.00							
EXAMINATION FEE (37 CFR 1.492(c)(1)-(2))			\$						
International preliminary examination report or the USPTO as IPEA or ISA and favorable as industrial applicability for all claims presented national phase									
All situations not provided for above									
Surcharge of \$130.00 for furnishing the search declaration after the date of commencement of	n fee, the examination fe f the national phase (37	e or the oath or CFR 1.492(h)).	\$						
APPLICATION SIZE FEE		050							
Total pages - 100 = ÷ 50	= †	x 250 =	\$						
†round up to next integer									
CLAIMS NUMBER FILED		RATE	\$	· · · · · · · · · · · · · · · · · · ·					
TOTAL CLAIMS - 20	=	x 50.00 =	\$						
INDEPENDENT CLAIMS - 3	=	x 200.00 =	\$						
MULTIPLE DEPENDENT CLAIM(S)(if applica	TOTAL OF ABOVE	+ 360.00 =	\$ \$						
Applicant claims small entity status. See			\$						
reduced by ½.			7						
		SUBTOTAL =	\$						
Processing fee of \$130.00 for furnishing the E the earliest claimed priority date (37 CFR 1.49	2(i)).		\$						
		NATIONAL FEE =	\$						
Fee for recording the enclosed assignment (3 accompanied by an appropriate cover sheet (3	7 CFR 1.21(h)). The as: 37 CFR 3.28, 3.31). \$40	signment must be 1.00 per property +	\$						
		EES ENCLOSED =	\$						
			Amount to be						
			refunded:	\$					
2 Chack No. in the amount of	¢ to source the of-	ovo fono in analaza d	charged:	\$					
a. Check No. in the amount of b. Please charge my Deposit Accour sheet is enclosed.		ove fees is enclosed. unt of \$ to cover	the above fees. A du	plicate copy of this					
c.	orized to charge any add	ditional fees which may	y be required, or credi	t any overpayment to					
Deposit Account No. <u>15-0461</u> . A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
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SEND ALL CORRESPONDENCE TO:									
OLIFF & BERRIDGE, PLC		100							
Customer Number: 25944		NAME: Jame REGISTRATIA		75					
Date September 26, 2006		NAME: David	IR. Kemeny ON NUMBER: 57,2	41					